

Section 1. Registration Information

Source Identification

Facility Name:	Newark Tank Depot LLC
Parent Company #1 Name:	Liquid Cargo
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	Voluntary update (not described by any of the above reasons)
Description:	
Receipt Date:	04-Jan-2023
Postmark Date:	04-Jan-2023
Next Due Date:	04-Jan-2028
Completeness Check Date:	04-Jan-2023
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	

Facility Identification

EPA Facility Identifier:	1000 0023 9173
Other EPA Systems Facility ID:	
Facility Registry System ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	144455276
Parent Company #1 DUNS:	
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	21 Hyatt Avenue
Street 2:	
City:	Newark
State:	NEW JERSEY
ZIP:	07105
ZIP4:	
County:	ESSEX

Facility Latitude and Longitude

Latitude (decimal):	40.717258
Longitude (decimal):	-74.138011
Lat/Long Method:	Interpolation - Digital map source (TIGER)
Lat/Long Description:	Center of Facility
Horizontal Accuracy Measure:	1
Horizontal Reference Datum Name:	North American Datum of 1983

Source Map Scale Number:

Owner or Operator

Operator Name:	Newark Tank Depot, LLC
Operator Phone:	(855) 572-2746

Mailing Address

Operator Street 1:	21 Hyatt Avenue
Operator Street 2:	
Operator City:	Newark
Operator State:	NEW JERSEY
Operator ZIP:	07105
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Jess Staggs
RMP Title of Person or Position:	Vice President of Safety
RMP E-mail Address:	j.staggs@liquidcargo.com

Emergency Contact

Emergency Contact Name:	Jess Staggs
Emergency Contact Title:	Vice President of Safety
Emergency Contact Phone:	(561) 517-4197
Emergency Contact 24-Hour Phone:	(561) 517-4197
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	j.staggs@liquidcargo.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	
Facility or Parent Company WWW Homepage Address:	

Local Emergency Planning Committee

LEPC:	Newark City LEPC
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Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	7
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes

CAA Title V:

Air Operating Permit ID:

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency)
Date:

03-Nov-2022

Last Safety Inspection Performed By an External
Agency:

NJDEP - Bureau of Release Prevention - TCPA

Predictive Filing

Did this RMP involve predictive filing?:

Yes

Preparer Information

Preparer Name:

Peter Downing

Preparer Phone:

(609) 371-8888

Preparer Street 1:

120 Main Street

Preparer Street 2:

Suite 201

Preparer City:

Hightstown

Preparer State:

NEW JERSEY

Preparer ZIP:

08520

Preparer ZIP4:

Preparer Foreign State:

Preparer Foreign Country:

Preparer Foreign ZIP:

Confidential Business Information (CBI)

CBI Claimed:

Substantiation Provided:

Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:

See Section 6. Accident History below to determine
if there were any accidents reported for this RMP.

Process Chemicals

Process ID:

1000129287

Description:

Iso Container Storage

Process Chemical ID:

1000162085

Program Level:

Program Level 3 process

Chemical Name:

Vinyl acetate monomer [Acetic acid ethenyl ester]

CAS Number:

108-05-4

Quantity (lbs):

45000

CBI Claimed:

Flammable/Toxic:

Toxic

Process ID: 1000129287
Description: Iso Container Storage
Process Chemical ID: 1000162086
Program Level: Program Level 3 process
Chemical Name: Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number: 75-77-4
Quantity (lbs): 1309000
CBI Claimed:
Flammable/Toxic: Toxic

Process ID: 1000129287
Description: Iso Container Storage
Process Chemical ID: 1000162087
Program Level: Program Level 3 process
Chemical Name: Toluene diisocyanate (unspecified isomer)
[Benzene, 1,3-diisocyanatomethyl-]
CAS Number: 26471-62-5
Quantity (lbs): 225000
CBI Claimed:
Flammable/Toxic: Toxic

Process ID: 1000129287
Description: Iso Container Storage
Process Chemical ID: 1000162088
Program Level: Program Level 3 process
Chemical Name: Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number: 75-79-6
Quantity (lbs): 2250000
CBI Claimed:
Flammable/Toxic: Toxic

Process ID: 1000129287
Description: Iso Container Storage
Process Chemical ID: 1000162089
Program Level: Program Level 3 process
Chemical Name: Methyl ether [Methane, oxybis-]
CAS Number: 115-10-6
Quantity (lbs): 166000
CBI Claimed:
Flammable/Toxic: Flammable

Process ID: 1000129287
Description: Iso Container Storage
Process Chemical ID: 1000162090
Program Level: Program Level 3 process
Chemical Name: Isoprene [1,3-Butadiene, 2-methyl-]

CAS Number:	78-79-5
Quantity (lbs):	40000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000129287
Description:	Iso Container Storage
Process Chemical ID:	1000162091
Program Level:	Program Level 3 process
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
CAS Number:	75-37-6
Quantity (lbs):	1800000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process NAICS

Process ID:	1000129287
Process NAICS ID:	1000130685
Program Level:	Program Level 3 process
NAICS Code:	49319
NAICS Description:	Other Warehousing and Storage

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000104324

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	Areal Locations of Hazardous Atmospheres [ALOHA(R)]
Release Duration (mins):	32
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

- Dikes:
- Enclosures:
- Berms:
- Drains:
- Sumps:
- Other Type:

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000110901

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	Areal Locations of Hazardous Atmospheres [ALOHA(R)]
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

- Dikes:
- Enclosures:
- Berms:
- Drains:
- Sumps:
- Other Type:

Active Mitigation Considered

- Sprinkler System:
- Deluge System:
- Water Curtain:
- Neutralization:
- Excess Flow Valve:
- Flares:
- Scrubbers:
- Emergency Shutdown:
- Other Type:

Toxic Alter ID: 1000110902

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	Areal Locations of Hazardous Atmospheres [ALOHA(R)]
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

- Dikes:
- Enclosures:
- Berms:
- Drains:
- Sumps:
- Other Type:

Active Mitigation Considered

- Sprinkler System:
- Deluge System:
- Water Curtain:
- Neutralization:
- Excess Flow Valve:
- Flares:

Scrubbers:
Emergency Shutdown:
Other Type:

Toxic Alter ID: 1000110903

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	Areal Locations of Hazardous Atmospheres [ALOHA(R)]
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:
Enclosures:
Berms:
Drains:
Sumps:
Other Type:

Active Mitigation Considered

Sprinkler System:
Deluge System:
Water Curtain:
Neutralization:
Excess Flow Valve:
Flares:
Scrubbers:
Emergency Shutdown:
Other Type:

Toxic Alter ID: 1000110904

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	Areal Locations of Hazardous Atmospheres [ALOHA(R)]
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:
Enclosures:
Berms:
Drains:
Sumps:
Other Type:

Active Mitigation Considered

Sprinkler System:
Deluge System:
Water Curtain:
Neutralization:

Excess Flow Valve:

Flares:

Scrubbers:

Emergency Shutdown:

Other Type:

Section 4. Flammables: Worst Case

Flammable Worst ID: 1000078534

Model Used:	Areal Locations of Hazardous Atmospheres -
	ALOHA
Endpoint used:	1 PSI

Passive Mitigation Considered

Blast Walls:
Other Type:

Section 5. Flammables: Alternative Release

Flammable Alter ID: 1000073483

Model Used:

Areal Locations of Hazardous Atmospheres -
ALOHA

Passive Mitigation Considered

- Dikes:
- Fire Walls:
- Blast Walls:
- Enclosures:
- Other Type:

Active Mitigation Considered

- Sprinkler System:
- Deluge System:
- Water Curtain:
- Excess Flow Valve:
- Other Type:

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

Full New Jersey TCPA Program level 3 in place for isotainer storage process

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:1000139906

Chemical Name:Trimethylchlorosilane [Silane, chlorotrimethyl-]

Flammable/Toxic:Toxic

CAS Number:75-77-4

Process ID:1000129287

Description:Iso Container Storage

Prevention Program Level 3 ID:1000111396

NAICS Code:49319

Prevention Program Chemical ID:1000139908

Chemical Name:Methyltrichlorosilane [Silane, trichloromethyl-]

Flammable/Toxic:Toxic

CAS Number:75-79-6

Process ID:1000129287

Description:Iso Container Storage

Prevention Program Level 3 ID:1000111396

NAICS Code:49319

Prevention Program Chemical ID:1000139905

Chemical Name:Vinyl acetate monomer [Acetic acid ethenyl ester]

Flammable/Toxic:Toxic

CAS Number:108-05-4

Process ID:1000129287

Description:Iso Container Storage

Prevention Program Level 3 ID:1000111396

NAICS Code:49319

Prevention Program Chemical ID:1000139907

Chemical Name:Toluene diisocyanate (unspecified isomer)
[Benzene, 1,3-diisocyanatomethyl-]

Flammable/Toxic:Toxic

CAS Number:26471-62-5

Process ID:1000129287

Description:Iso Container Storage

Prevention Program Level 3 ID:1000111396

NAICS Code:49319

Prevention Program Chemical ID:	1000139911
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
Flammable/Toxic:	Flammable
CAS Number:	75-37-6

Process ID:	1000129287
Description:	Iso Container Storage
Prevention Program Level 3 ID:	1000111396
NAICS Code:	49319

Prevention Program Chemical ID:	1000139910
Chemical Name:	Isoprene [1,3-Butadiene, 2-methyl-]
Flammable/Toxic:	Flammable
CAS Number:	78-79-5

Process ID:	1000129287
Description:	Iso Container Storage
Prevention Program Level 3 ID:	1000111396
NAICS Code:	49319

Prevention Program Chemical ID:	1000139909
Chemical Name:	Methyl ether [Methane, oxybis-]
Flammable/Toxic:	Flammable
CAS Number:	115-10-6

Process ID:	1000129287
Description:	Iso Container Storage
Prevention Program Level 3 ID:	1000111396
NAICS Code:	49319

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	15-Apr-2022
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Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	15-Apr-2022
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The Technique Used

What If:	Yes
Checklist:	
What If/Checklist:	
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	

PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	
Runaway Reaction:	
Polymerization:	
Overpressurization:	
Corrosion:	
Overfilling:	
Contamination:	
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	
Earthquake:	
Floods (Flood Plain):	Yes
Tornado:	Yes
Hurricanes:	Yes
Other Major Hazard Identified:	

Process Controls in Use

Vents:	
Relief Valves:	Yes
Check Valves:	
Scrubbers:	
Flares:	
Manual Shutoffs:	
Automatic Shutoffs:	
Interlocks:	
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	
Grounding Equipment:	
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:
Dikes:
Fire Walls:
Blast Walls:
Deluge System:
Water Curtain:
Enclosure:

Neutralization:
None: Yes
Other Mitigation System in Use:

Monitoring/Detection Systems in Use

Process Area Detectors:
Perimeter Monitors:
None: Yes
Other Monitoring/Detection System in Use:

Changes Since Last PHA Update

Reduction in Chemical Inventory:
Increase in Chemical Inventory:
Change Process Parameters:
Installation of Process Controls:
Installation of Process Detection Systems:
Installation of Perimeter Monitoring Systems:
Installation of Mitigation Systems:
None Recommended:
None: Yes
Other Changes Since Last PHA or PHA Update:

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures): 15-Apr-2022

Training

Training Revision Date (The date of the most recent review or revision of training programs): 15-Apr-2022

The Type of Training Provided

Classroom: Yes
On the Job: Yes
Other Training:

The Type of Competency Testing Used

Written Tests: Yes
Oral Tests: Yes
Demonstration: Yes
Observation: Yes
Other Type of Competency Testing Used:

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures): 15-Apr-2022

Equipment Inspection Date (The date of the most recent equipment inspection or test): 26-Jul-2022

Equipment Tested (Equipment most recently inspected or tested): Heavy lift. All lifts are inspected on a daily basis

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):

Change Management Revision Date (The date of the most recent review or revision of management of change procedures): 15-Apr-2022

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review): 15-Aug-2017

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit): 18-Nov-2021

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans): 15-Apr-2022

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures): 15-Apr-2022

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures): 15-Apr-2022

Contractor Safety Performance Evaluation Date 22-Sep-2021
(The date of the most recent review or revision of
contractor safety performance):

Confidential Business Information

CBI Claimed:

Section 8. Program Level 2

No records found.

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?): Yes

Facility Plan (Does facility have its own written emergency response plan?): Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): Yes

Healthcare (Does facility's ER plan include information on emergency health care?): Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan): 15-Apr-2022

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees): 16-Nov-2021

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): Newark Fire Dept

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): (973) 733-3660

Subject to

OSHA Regulations at 29 CFR 1910.38: Yes

OSHA Regulations at 29 CFR 1910.120:

Clean Water Regulations at 40 CFR 112: Yes

RCRA Regulations at CFR 264, 265, and 279.52:

OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:

State EPCRA Rules or Laws:

Other (Specify): NJDEP DPCC N.J.A.C. 7:1E

Executive Summary

Executive Summary

Newark Tank Depot, LLC is a wholly owned subsidiary of Liquid Cargo. Newark Tank Depot provides distribution services of bulk commodities contained in Intermodal Bulk Containers (IBCs). The depot is in Newark, New Jersey and serves as a terminal for temporary staging and storage of ICBs. All of the IBCs stored at the site conform to the applicable standards of the International Organization for Standardization (ISO). Newark Tank Depot has identified the following commodities that may be present at the facility.

CAS Number	Product Name	Subject to:
75-79-6	Methyltrichlorosilane	TCPA, EPA 112R, OSHA PSM
75-77-4	Trimethylchlorosilane	TCPA, EPA 112R
108-5-4	Vinyl Acetate	TCPA, EPA 112R
75-37-6	1,1-Difluroethane	TCPA, EPA 112R
115-10-6	Dimethyl Ether	TCPA, EPA 112R
78-79-5	Isoprene	TCPA, EPA 112R
26471-62-5	Toluene Diisocyanate (unspecified isomer)	TCPA, EPA 112R

Stationary Source Identification

Newark Tank Depot has identified the storage of the referenced materials as the only stationary source at the facility. The IBC design is in accordance with the International Organization for Standardization, as appropriate for each container type, and meets all applicable US Department of Transportation and International Maritime Dangerous Goods (IMDG) requirements for safe transportation by truck, train, and/or shipping passage.

The design of the IBCs has been studied by the European Union's Health and Safety Executive, who has established Item Failure Rates for ISO containers. The RMP and the associated Process Hazard Analysis with Risk Assessment has utilized these failure rates.

Emergency Response

In the event of the discharge, Newark Tank Depot will follow onsite emergency response protocols. The emergency response plan will be coordinated with the Essex County Office of Emergency Management (OEM).

Five Year Accident History

There have been no releases of Extraordinarily Hazardous Substances from the facility in the last five years.

Accidental Release Prevention and Chemical Specific Prevention Procedures

Newark Tank Depot has developed and implemented Standard Operating Procedures (SOPs) and a Risk Management Plan in accordance with NJAC 7:31 and 40 CFR 68. In addition, Newark Tank Depot utilizes frequent visual inspections to determine the presence of a leak.

Planned Changes to Improve Safety

Newark Tank Depot has identified the hazards of working with extraordinarily hazardous substances on site, and has developed programs and systems to safeguard against those hazards. These procedures are subject to a management of change procedure, which allow the facility management to review and update procedures and programs when necessary. Newark Tank Depot will continue to review the procedures and implement protective solutions to health and safety concerns. There are no additional planned changes to improve safety associated with the handling of extraordinary hazardous substances at this time. Where appropriate, Newark Tank Dept will work with customers to have IBCs delivered directly to the customers' consignee rather than have them delivered to the depot.